Tanta university
Faculty of engineering
Computer and automatic control department

Data structures and algorithms course
Second year students
Sheet 8, Date : 5/12/2011

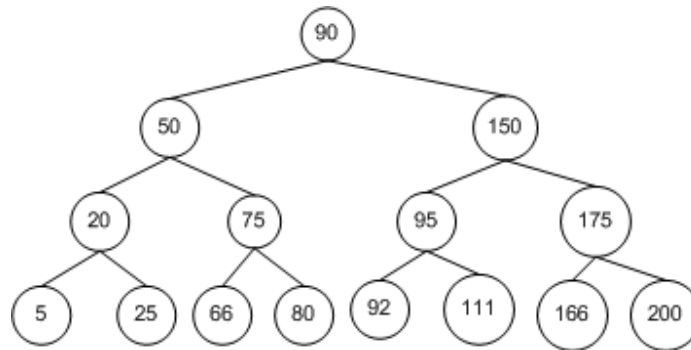
Sheet 8 (Binary search tree)

1. Write a C# implementation of a binary search tree. Your implementation should contain a function for adding a data item to the tree and another function to search a node with a given value in the tree. Using the class write a complete C# program that demonstrates the addition and searching using the BST given below.

2. Consider the class for the binary search tree you wrote in problem 1. Add a function to remove a data item from the tree in maintaining the binary search tree property.